

Control Room Modernization at Lake Mary Water Treatment Plant

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SCADA technology improves water treatment processes

The Supervisory Control and Data Acquisition (SCADA) hardware got a major facelift at the Lake Mary Water Treatment Plant. SCADA controls water and wastewater treatment, and monitors water quality, chemistry, and flows to meet Flagstaff water demands. This technology controls City wells by remotely monitoring the water production at over 35 sites. Not only does the new SCADA system allow for remote operation and monitoring from anywhere in the plant, the decentralized system also isolates malfunctions without disrupting other processes. Through a proactive system of alarms, SCADA triggers early warnings of potential issues to maintain peak function.



The 60-year-old analog system filled the room and used paper charts to record data.

The new servers are streamlined, and can remotely control Flagstaff's water system as well as electronically log water history.



Questions or comments?

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